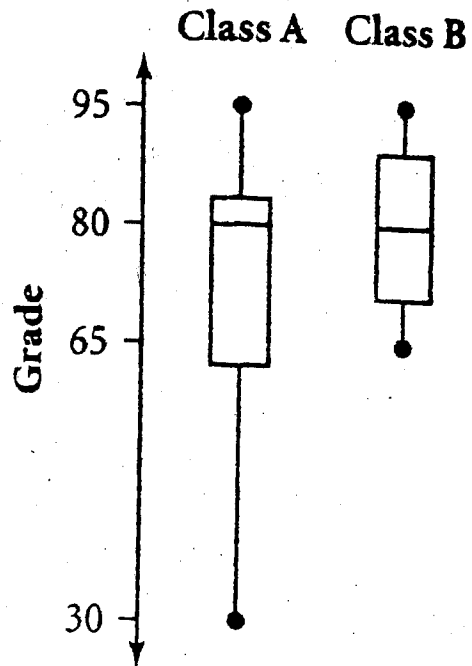
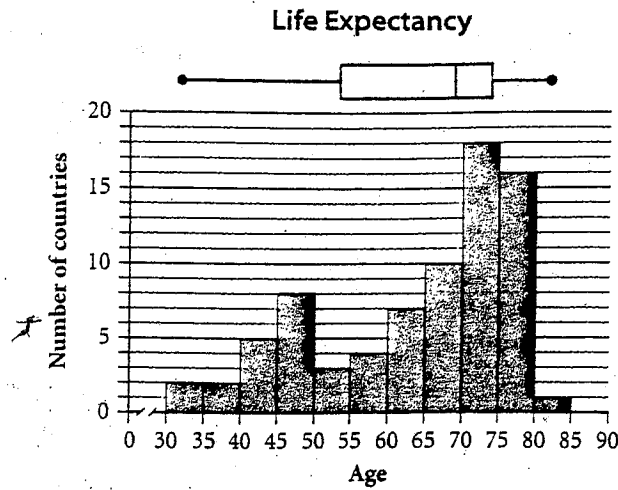


Ms. Werner's Algebra Test



- Which class has the greater range of test scores?
- Which has the greater IQR?
- How do the median values of each graph compare?
- In which class did the greatest fraction of students score above 80?
- What is the significance of the score of 30 in class A?
- The third highest score in Class A was Jackie's. Can you determine her score?
- Did Class B have more scores above the median of 80?
- How would you summarize your comparison?

This box plot and histogram reflect the life expectancy in 2000 for countries with populations greater than 10 million.



(United Nations Population Fund, in *The New York Times Almanac* 2004, pp. 475-477)

- How many countries are represented?
- The box that spans from the median to the third quartile of the box plot is very short. What does this mean?
- describe the shape of this graph.
- How many countries had life expectancies of less than 60 years?
- How can you tell that no country had a life expectancy of greater than 85 years?
- What is an approximation of the median of this data set?